

TARAKANOVA, M.S.

Use of a direct connecting system on telegraph networks of the
White Russian S.S.R. Vest. svyazi 20 no. 12:13 D '60.
(MIRA 13:12)

1. Starshiy inzhener Glavnogo upravleniya meshdugorodnoy
telegrafnotelefonnoy svyazi Ministerstva svyazi SSSR.
(White Russia--Telegraph)

TARAKANOVA, M.S., starshiy inzh.; GAVRILOV, A.V.

Automatic control in telephone and telegraph communications;
scientific and technical conference of the communication workers
of Kazakhstan and Central Asia. Vest. svyazi 21 no.9:17-18 S
'61. (MIRA 14:9)

1. Glavnoye upravleniye mezhdugorodnoy telegrafno-telefonnoy
svyazi Ministerstva svyazi SSSR. 2. Nachal'nik otdela izobre-
teniy Tekhnicheskogo upravleniya Ministerstva svyazi SSSR (for
Gavrilov).

(Telecommunication--Employees)
(Telephone--Congresses) (Telegraph--Congresses)

GUROV, V.S.; YETRUKHIN, N.N.; RABINOVICH, M.B.; TARAKANOVA, M.S.,
otv. red.; SVERDLOVA, I.S., red.; SHEFER, G.I., tekhn. red.

[Voice-frequency telegraphy systems] Sistemy tonal'nogo tele-
grafirovaniia; informatsionnyi sbornik. Moskva, Sviaz'izdat,
1962. 205 p. (MIRA 15:7)

1. Tsentral'nyy nauchno-issledovatel'skiy institut svyazi Mi-
nisterstva svyazi SSSR (for Gurov, Yetrukin, Rabinovich'.
(Telegraph)

TARAKANOVA, M.S., inzh.; SVERDLOV, M.P., inzh.

Single-channel (OTT-2) voice-frequency telegraphy apparatus using
transistor devices. Vest. sviazi 22 no.11:3-5 N '62.
(MIRA 16:12)

SVERDLOV, M.I.; YETROKHIN, N.N.; YAROSLAVSKIY, L.I.; ZIBOVSKIY,
L.I.; GUROV, V.S.; TARAKANOVA, M.S.; etv. red.: BATRANOVA,
I.A.; red.

[New TT-17P and OTI-2S voice frequency telegraphy apparatus
using transistor devices] Novaya apparatura tonal'nogo te-
legrafirovaniya na poluprovodnikovyykh priborakh TT-17P i
OTI-2S; Informatsionnyy sbornik. Moskva, Sviyaz', 1965. 125 p.
(MIRA 18:7)

TARAKANOVA, S. A.

Excavations (Archaeology) - Tallinn

Archaeological excavations of ancient Tallinn. *Vopr. Arkh. i Etim. Est. i Lett. 1953, No. 2, pp. 1-10.*

9. Monthly List of Russian Accessions, Library of Congress, July 1953. Unclassified.

TALAKHOVA, T. A.

Tallin - Excavation. (Archaeology)

Archaeological excavations of ancient Tallin, Vopr. AN SSSR. 21, No. 4, 1953.

9. Monthly List of Russian Accessions, Library of Congress, July 1953. Unclassified.

TARAKANOVA, S.A., kandidat istoricheskikh nauk.

Studying the ethnic history of Baltic peoples; joint conference
in Vilnius. Vest.AN SSSR 25 no.8:99-101 Ag '55. (MIRA 9:1)
(Baltic States--Ethnology)

DOTSENKO, V.Y., prof.; TARAKANOVA, T.A., inzh.

Options of the size of a line for installation beneath cars in
centralized current supply of passenger cars. Trudy MIIT no.205:
47-54 '65. (MIRA 18:9)

DOPSENKO, V.Ye., prof.; EL'NIKOV, M.S., prof.; Kharin, V.S., prof.

Electric power supply of the passenger cars of trains in the
yards. Trudy VUZ no. 20:191-95 1965. (MIRA 18:4)

66339

24(6) 24.7700

SOV/181-1-10-14/21

AUTHORS: Aleksandrov, V. V., Pruzhinina, V. I., Rekov, A. I., Tarakanova, T. S., Teplov, Ye. A.

TITLE: Some Electric Properties of Boron-Silicon Carbides

PERIODICAL: Fizika tverdogo tela, 1959, Vol 1, Nr 10,
pp 1587 - 1591 (USSR)

ABSTRACT: Boron-silicon carbides (BSC) were burned in furnaces at $\sim 2000^{\circ}\text{C}$. End product: approximately 50-70 kg. Sample Nr 1, BSC-1 (composition: B_2SiC), is likely to be produced according to the reaction equation $2\text{H}_3\text{BO}_3 + \text{SiO}_2 + 6\text{C} = \text{B}_2\text{SiC} + 3\text{H}_2\text{O} + 5\text{CO}$, while BSC-2 (composition: $\text{B}_4\text{C} \cdot 2\text{SiC} = \text{B}_4\text{Si}_2\text{C}_3$) is probably formed according to the reaction equation $4\text{H}_3\text{BO}_3 + 2\text{SiO}_2 + 13\text{C} = \text{B}_4\text{Si}_2\text{C}_3 + 6\text{H}_2\text{O} + 10\text{CO}$. Results of chemical analysis of the two druse-shaped samples are given in table 1. For results of electric measurements see figure 1 (dynamic volt-ampere characteristics of BSC-1, BSC-2 and Si(samples), figure 2 (volt-ampere characteristics of BSC-1, BSC-2 and SiC samples) and figure 3: (dependence of voltage on temperature of BSC-1,

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Some Electric Properties of Boron-Silicon Carbides

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BSC-2 and SiC samples at constant current). Analysis of the results permits the following conclusions: 1) The nonlinearity of BSC used in engineering is inferior to that of SiC applied in electrical engineering. 2) The resistivity of the barrier layer of BSC is lower than that of the corresponding SiC layer, while the resistivity of thick BSC crystals exceeds that of thick SiC samples. The high resistivity of thick BSC grains allows to produce high-resistance volume resistors from them. They are virtually linear and may have great or small temperature coefficients. Results of measurement concerning the electric properties of BSC resistors will later be published. There are 3 figures, 2 tables, and 6 references, 4 of which are Soviet.

SUBMITTED: February 10, 1959

Card 2/2

TARAKANOVA, U.K.

Complicated mesenteric cysts in children. *Pediatrics* no. 6:88-90
N-D '53. (MLRA 7:1)

1. Iz Shcherbakovskogo bol'nichnogo gorodka (glavnyy vrach N.Ye.
Banina, glavnyy khirurg - kandidat meditsinskikh nauk M.I. Perel'-
man). (Mesentery) (Cysts)

L 06547-67 EWT(1) GW

ACC NR: AT6021520

SOURCE CODE: UR/2531/66/000/187/0221/0231

AUTHOR: German, M. A.; Tarakanova, V. P.

ORG: none

TITLE: Results of comparing the characteristics of steady-state turbulence in jet streams, calculated by various methods

SOURCE: Leningrad. Glavnaya geofizicheskaya observatoriya. Trudy, no. 187, 1966. Fizika pograničnogo sloya atmosfery (Physics of the atmospheric boundary layer), 221-231

TOPIC TAGS: atmospheric turbulence, jet stream, ~~instability~~, aircraft bumping, wind speed, free atmosphere, thermodynamics

ABSTRACT: A method is presented for evaluating the characteristics of turbulence in jet streams, based on previous theoretical investigations by D. L. Laykhtman and V. A. Shnaydman, who used data from temperature and wind sounding. Additional data included measurements of the vertical component of fluctuations in wind velocity obtained during 20 special research flights by fast airplanes near Moscow and Leningrad in 1954—1957. The temperature and wind sounding data were selected to correspond in time and height with the data obtained from airplane

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L 06547-67

ACC NR: AT6021520

flights, limiting the study to only 12 cases. Previously derived theoretical formulas and three nomograms (presented in the original article) were used with the sounding data to compute the vertical component of wind gustiness w' for all of these cases. Accelerograph records made it possible to compute and tabulate the average and maximum values of w' . A correlation field was constructed to test the relationship between the vertical wind-velocity fluctuations computed by different methods. The correlation coefficient between different values of w' proved to be quite high—about 0.72 with a probable error of ± 0.07. Investigations were made of the Vaisala parameter

$$\lambda = \sqrt{\frac{g}{T}} (\gamma_a - \gamma)$$

for the relationship between w' and atmospheric stability, the vertical gradient of the wind velocity vector for the relationship between w' and the dynamic factor, and the Richardson number. However, no definite relationship was noted. It is concluded that a parameter which is more general than the Richardson number should be used in seeking the relationships between the characteristics of turbulence and the thermodynamic state of the free atmosphere. Orig. art. has: 4 figures, 6 formulas, and 6 tables.

[EO]

SUB CODE: 04/ SUBM DATE: none/ ORIG REF: 012/

Card 2/2 *m/e*

TARAKANOVA, E. I.

✓ Tarakanova, E. I.: Petrograficheskoe izuchenie burykh
uglei Kushnirunskogo mestorozhdeniya (Petrographical
Study of the Brown Coals of the Kushnirun Region).
— Moscow: Gosudarst. Nauch.-Tekh. Izdatel. Lit. Geol. i
Okhrane Nedr. 1954. 60 pp. *True*

TARAKANOVA, YE. I.

Petrographic Study of the Brown Coals of the Kushmurun Deposit
Tr. Labor. geol. udr. Trestov. ekspeditsiy 1 partiy, No 4, 1954, pp 1-51

The author describes the structure of 17 strata of brown coals of the Kushmurun deposit (Kushmurun and Dusbay horizons), the results of petrographic and chemical study of core samples, some technical and elementary analyses, the thermal capacity, the composition of the ashes, and yield of primary tar. Most of the investigated strata possess a simple structure, few complex. (RZhGeol, No 3, 1955)

SO: Sum. No. 639, 2 Sep 55

TARAKANOVA, Ye.I.

New data on the age of effusive rocks in the northern part of the Turgay Lowland. Dokl.AN SSSR no.3:533-534 My '56. (MLRA 9:8)

1. Gorno-geologicheskii institut Ural'skogo filiala Akademii nauk SSSR. Predstavleno akademikom N.W. Strakhovym.
(Turgay Gates--Rocks, Igneous)

TARAKANOVA, Ye.I.

Petrographic coal types and the structure of coal beds of fields in the northern region of the Turgay Gates. Trudy Lab.geol.ugl. no.6:279-291 '56. (MLRA 10:2)

1. Ural'skiy filial Akademii nauk SSSR.
(Turgay Gates--Coal geology)

Tarakanova *Y. P. P.* Coal xenoliths in effusive rocks. E. I. Tarakanova

Dezhnev *Arkt. Nauk SSSR* 100, 192-193 (1963). Felsic
spar basalt in the base of the soft coal deposits of Lower
Jurassic age in the Ulagun Basin (N. Tungus deposits
break through the coal horizons locally e.g. in the Egn
salsk Mine. The coal forms xenoliths up to 10 cm in diam.
and many inclusions of sandstones and argillaceous sediment
accompany the soft coals which are in contact with basalt.
The coal is not changed to anthracite or natural coke, nor is it
graphitized. It is very high in volatiles, brittle, translucent
in thin sections, with distinct residual plant texture and
spherical pores. The basalt on the contacts is vitreous,
with single labrador-bytownite twins as phenocrysts. Chem.
analyses show that the coal xenoliths are not highly coalified;
the ash content is considerably increased in the coal.

W. Eitel

W. Eitel
myz

TARAKANOVA, YE. I.

✓ 1378. THREE EPOCHS OF LOWER MESOZOIC COAL ACCUMULATION IN THE NORTHERN PART OF THE SIBIRIAN DEPRESSION. Tarakanova, E.I. (Dokl. Akad. Nauk SSSR (Rep. Acad. Sci. U.S.S.R.), 21 Aug. 1955, vol. 109, (6), 1191-1193).
I.I. Goruki in 1954 recognized two epochs in this region: the Triassic for the Chelyabinsk and Burluk coal deposits and the Mid-Jurassic for the remainder. The author now distinguishes three: Upper Triassic, Lower Jurassic and Mid-Jurassic. Some particulars are given of spores and pollens found and of coals and brown coals. (L).

Cor

TARAKANOVA, Ye.I.

History of the lower Mesozoic coal accumulation in the Turgay Basin.
Trudy Gor.-geol. inst. UFAN SSSR no. 32:267-279 '59. (MIRA 14:5)
(Turgay Basin--Coal geology)

TARAKANOVA, Ye.I.

Conditions governing the lower and middle Jurassic coal accumulation
in the Turgay brown-coal basin.. Trudy Gor.-geol. inst. UFAN SSSR
no.40:175-184 '59. (MIRA 13:11)
(Turgay Lowland--Coal geology)

TARAKANOVA, YEVGENIYA IVANOVNA; PRONIN, A.A., prof., doktor geol.-mineral.
nauk, otv.red.; EBERGARDT, M.S., red.izd-va; SEREDKINA, N.F., tekhn,red.

[Atlas of coal of the Turgay coal-bearing province] Atlas uglei
Turgaiskoi uglenosnoi provintsii. Sverdlovsk, 1960. 153 p. (Akademia
nauk SSSR. Ural'skii filial, Sverdlovsk. Gorno-geologicheskii
institut. Trudy, no.53) (MIRA 14:7)
(Turgay tableland--Coal geology)

TARAKANOVA, Ye.I

New data on the age of effusives in the northern Turgay Lowland.
Trudy Gor.-geol. inst. UFAN SSSR no.51:125-136 '60.

(MIRA 13:9)

(Turgay Lowland--Rocks, Igneous)
(Geological time)

TARAKANOVA, Ye.I.

Distribution of germanium in coals. Dokl.AN SSSR 144 no.3:643-
644 My '62. (MIRA 15:5)

1. Gorno-geologicheskii institut Ural'skogo filiala AN SSSR.
Predstavleno akademikom N.M.Strakhovym.
(Germanium) (Coal geology)

TARAKANOVA, Ye. N.

Subject : USSR/Electricity AID P - 3002
Card 1/1 Pub. 29 - 17/28
Authors : Tarakanova, Ye. N., I. I. Ryabushkin, and A. M. Gordin,
Engs.
Title : Movable installations of power capacitors
Periodical : Energetik, 6, 26-27, Je 1955
Abstract : A major work was done at the establishments of the Karaganda Coal Combine in order to raise the power factor. The basic measure consisted in introducing synchronous motors in ventilating and compressor installations and also synchronous convertors and static capacitors at the central substations of the combine. The author describes the details of these installations. Three diagrams, one table.
Institution : None
Submitted : No date

L 35547-65 EWT(m)/EWP(j) Pc-4 RM

S/0286/65/000/005/0069/0069

ACCESSION NR: AP5008192

AUTHORS: Mikhanov, S. A.; Tarakanova, Ye. Ye.

15
B

TITLE: A method for obtaining foam plastic, Class 39, No. 168871

15

SOURCE: Byulleten' izobreteniy i tovarnykh znakov, no. 5, 1965, 69

TOPIC TAGS: foam plastic, starch, aqueous solution, surface active substance, formaldehyde

ABSTRACT: This Author Certificate presents a method for obtaining a foam plastic with the application of starch. To simplify the technique of the foam plastic production, powdered starch is dropped into water while an aqueous solution of a surface active substance with gelatin and formaldehyde is being whipped into foam. The foam solidifies while being heated.

ASSOCIATION: Vladimirskiy nauchno-issledovatel'skiy institut sinteticheskikh smol (Vladimir Scientific Research Institute of Synthetic Resins)

SUBMITTED: 08Apr63

ENCL: 00

SUB CODE: MT, GC

NO REF SOV: 000

OTHER: 000

Card 1/1

TARAKANOVSKAYA, T.P., inzh.

Calculating the steamline of vane blades of centrifugal pumps
and fans. Sudostroenie 24 no.9:34-39 S '58. (MIRA 11:11)
(Centrifugal pumps) (Fans, Mechanical)

TARAKANOVSKAYA, T.P., insh.

Selection and design of silent throttling devices. Sudostroenie
25 no.10:27-30 0 '59. (MIRA 13:2)
(Marine engineering)

TARAKANOVSKY, A. A., PALEYEV, I. I., and KATSNEL'SON, V. I.

"Diffusion Method Investigation of Heat and Mass Transfer
Between a Particle and Pulsing Medium."

Report submitted for the Conference on Heat and Mass Transfer,
Minsk, BSSR, June 1961.

TARAKANOVSKIY, A. A., KATSMEL'SON, B. D. and PAL'YV, I. I.

"Diffusional method of heat- and mass-exchange between particles and a pulsating medium."

Report presented at the 1st All-Union Conference on Heat- and Mass- Exchange, Minsk, BSSR, 5-9 June 1961

S/096/63/000/004/009/010
E194/E455

AUTHORS: Paleyev, I.I., Doctor of Technical Sciences, Professor,
Katsnel'son, B.D., Candidate of Technical Sciences,
Tarakanovskiy, A.A., Engineer

TITLE: An investigation of the processes of heat and mass
transfer in a pulsating flow

PERIODICAL: Teploenergetika, no.4, 1963, 71-74

TEXT: Because of its practical importance the influence of
velocity pulsation on heat and mass transfer in a liquid was
studied. Heat transfer was studied between a cylinder and a
liquid; mass transfer between a sphere and a liquid. The liquids
used were water and kerosene. The cylindrical pick-up contained a
heating element and was fitted with surface thermocouples. The
bath in which it was located could be rotated, to drive the liquid
past the cylinder. The rod was made to pulsate by a separate
drive from an electric motor. With pulsation, the heat-transfer
rate could be as much as 5 times greater than without. The
following expression was used to generalize the experimental data

$$\frac{Nu'}{Nu} = 0,95 \frac{Re + Re'}{Re} \approx 1 + \frac{Re'}{Re}.$$

Card 1/4

An investigation of ...

S/096/63/000/004/009/010
E194/E455

This formula is valid for the range $\frac{Re + Re'}{Re}$ from 1.3 to 5.

With the initial pick-up, failure occurred at frequencies above ~ 70 c/s. Accordingly, special tests were made with smaller pick-ups and it was found that the curve of heat-transfer rate against frequency was peaked, with a clearly expressed minimum. In some cases as many as 5 or 6 peaks were observed but they could not be measured accurately because of scatter of experimental results. The peaking could not be explained by regular periodic expansion and contraction of the boundary layers; nor could various other effects, such as the great changes in the configuration of the heat-exchange vector diagram and the shape of the heat-transfer curve as a function of Re number. Studies were also made of heat transfer during free convection within the range of Gr from 1×10^3 to 1×10^6 . The test results are represented by the expression

$$\frac{Nu'}{Nu} = 1.6 \left(\frac{Gr + (Re)'}{Gr} \right)^{1/4}$$

where t - temperature difference, β - coefficient of temperature expansion, ℓ - the characteristic dimension,
Card 2/4

An investigation of ...

S/096/63/000/004/009/010
E194/E455

ν - kinematic viscosity of medium. The studies of mass transfer during forced motion were made with spheres of salt in a pulsating column of liquid. Salt spheres of different diameters were made to fall in the tube at different rates by locating within them metal spheres of various diameters. At a frequency of 25 c/s the value of

$$Nu_{\nu} = \frac{\alpha_{\nu} d}{D}$$

where α_{ν} - mass transfer coefficient, D - diffusion factor, was three times greater in the presence of pulsation than in its absence. At 25 c/s, increasing the amplitude by 1.5 orders only doubles Nu_{ν} . The mass transfer experimental results could not be expressed in criterial form. In some cases the use of pulsation could increase mass transfer rates by a factor of 5 to 6, but such increases were usually confined to a narrow band of frequency and amplitude, thus approximately repeating the peak character of the heat-transfer curve. It was very difficult to obtain numerical data under these conditions. The main difficulty is the relationship between amplitude and frequency;
Card 3/4

An investigation of ...

S/096/63/000/004/009/010
E194/E455

it is very difficult to make tests at one amplitude whilst altering the frequency. It is concluded that improved heat- and mass-transfer equipment could be constructed by utilizing pulsating flow effects. There are 8 figures.

ASSOCIATION: Tsentral'nyy kotloturbinnyy institut
(Central Boiler and Turbine Institute)

Card 4/4

IKONNIKOV, G.; TARAKANOVSKIY, V.; GULYAYEV, V., goruyy master

How should an integrated brigade operate? Mast. ugl. 8 no. 9:
12 S '59. (MIRA 13:2)

1. Nachal'nik shakhty "Vostochnaya" trеста Zabaykalugol' Chitinskogo sovnrakhoza (for Ikonnikov). 2. Pomoshchnik glavnogo inzhenera po organizatsii truda i zarplate shakhty "Vostochnaya" trеста Zabaykalugol' Chitinskogo sovnrakhoza (for Tarakanovskiy). 3. Shakhta "Uglerod" Rostovskogo sovnrakhoza (for Gulyayev).
(Coal mines and mining) (Mine management)

L 27275-66 EWT(1)/T JK

ACC NR: AP6016877

SOURCE CODE: UR/0301/65/011/003/0012/0027

AUTHOR: Bartova, L. M.; Kul'berg, A. Ya.; Volgin, Yu. B.; Tarakhanova, I. A.

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B

ORG: Institute of Epidemiology and Microbiology im. N. F. Gamaleya, AMN SSSR, Moscow (Institut epidemiologii i mikrobiologii AMN SSSR)

TITLE: Antitoxic properties of low-molecular antibodies isolated from the urine of immune rabbits

SOURCE: Voprosy meditsinskoj khimii, v. 11, no. 3, 1965, 12-17

TOPIC TAGS: rabbit, antibody, antigen, gamma globulin, blood serum

ABSTRACT: The authors present findings indicating that low-molecular antibodies appear in the urine when rabbits are immunized with antigens of the most different nature. These antigens can be detected not only by reactions in vitro but also, in the case of low-molecular antibodies to the tetanus toxin, through their specific antitoxic effect and in experiments on animals.

The rabbits used in the experiments were immunized with crude tetanus toxin, egg albumin, human serum albumin, and human gamma-globulin combined with dinitrofluorobenzene by the method described by Eisen et al. (J. Exp. Med., Vol 110, p 187). The antibodies were isolated chiefly by means of complement fixation reactions. The low-molecular antibodies isolated from rabbits immunized with tetanus toxoid specifically neutralize tetanus toxin in experiments on animals. Detection of low-molecular antitoxin in the urine of the rabbits occurred when the concentration of antitoxic antigens in the blood serum reached 30-40 AE/cc. Orig. art. has: 1 figure and 2 tables. [JPRS]

SUB CODE: 06 / cc / SUBM DATE: 23Dec63 / ORIG REF: 002 / OTH REF: 009
Card 1/1 cc UDC: 616.633-097-02:616.981.551-082.372

2

BUKH, I.M. podpolkovnik men.sluzhby, TARAKHNO, A.Ya. podpolkovnik
administrativnoy sluzhby

Frequency of odontogenous diseases of the maxillary cavity. Voen.
med.zhur. no.12:61-64 D'57 (MIRA 11:5)

(MAXILLARY SINUS,diseases
odontogenous (Rus))

KRASOVITSKIY, B.M.; TARAKHNO, Z.N.; LEVCHENKO, N.F.

Structure of direct azo dyes, the derivatives of diphenylamine.
Ukr. khim. zhur. 24 no.3:358-363 '58. (MIRA 11:9)

1. Khar'kovskiy gosudarstvennyy universitet im. A.M. Gor'kogo.
(Azo dyes) (Diphenylamine)

LAVNUSHIN, V.F.; TARAKHNO, Z.N.

Interaction of hydroxy- and methoxy derivatives of
methyltriphenylmethane with acids. Zhur.ob.khim. 33 no.4:1137-1141
Ap '63. (MIRA 16:6)

1. Khar'kovskiy gosudarstvennyy universitet imeni A.M.Gor'kogo.
(Methane) (Acids)

LAVROV, V. I. (1910-1980)

... ..
with

... ..

LAVRUSHIN, V.F.; MALAKHNO, Z.N.

Interaction of hydroxy and methoxy derivatives of diphenyldimethyl
and diphenylmethane with acids. Zhur. org. khim. 1 no.9:
1642-1646 S '65. (MJRA 18:12)

1. Khar'kovskiy gosudarstvennyy universitet imeni A.M. Gor'kogo.
Submitted May 5, 1964.

TARAKHOV, A.G.

Radio wave method of electric geophysical exploration. Trudy
MGRI no.28:215-225 '55. (MIRA 8:6)
(Prospecting--Geophysical methods) (Radio waves)

TARAKHOV, Anatoliy Georgiyevich; BORUSHKO, T.I., red. izd-va; BYKOVA,
V.V., tekhn. red.

[Principles of geophysical prospecting with radio waves] Os-
novy geofizicheskoi razvedki metodom radiokip. Moskva, Gos.
nauchno-tekhn.izd-vo lit-ry po geol.i okhrane neдр, 1961.
213 p. (MIRA 15:1)

(Electric prospecting)

BLOKH, Isay Moiseyevich; TARAKHOV, A.G., red.; BORUSHKO, T.I., red.
izd-va; BYKOVA, V.V., tekhn. red.

[Resistivity method of electric profiling]Elektroprofilirova-
nie metodom soprotivlenii. Moskva, Gosgeoltekhizdat, 1962.
238 p. ___[Theoretical electric profile curves]Teoreticheskie
krivye elektroprofilirovaniia. 21 diagrs. (MIRA 15:10)
(Electric prospecting)

TARAKHOV, T.N.

428
ATT

TARAKHOVSKAIA, Elizaveta ^Y ^Y Zakovlevna

Metro. Subway. Izd. 3. Moskva, Izd-vo detskoi lit-ry, 1938. 16 p. illus.

DLC: PZ64.T3 1938

SO: Soviet Transportation and Communications. A Bibliography, Library of Congress Reference Department, Washington, 1952, Unclassified.

BREGOR, A.Kh.: Priniimeli uchastiye: VAYNSHTEYN, B.I.; SYRKUS, M.P.;
HYABUKHIN, Yu.S.; KOZLOV, V.A.; KARPOV, V.L., red.; TARAKHOVSKAYA,
N.K., red.; YAZLOVSKAYA, E., tekhn.red.

[Nuclear radiation sources and their application to radio-
chemical processes] Istochniki iadernykh izluchenii i ikh pri-
menenie v radiatsionno-khimicheskikh protsessakh. Pod red. V.L.
Karpova. Moskva, Vses.in-t nauchn.i tekhn.informatsii, 1960.
128 p. (MIRA 13:10)

(Radiation)

(Radiochemistry)

KOGAN, B.I., kand. ekon. nauk; SAVITSKIY, Ye.M., doktor khim. nauk, red.;
TARAKHOVSKAYA, N.K., otv. red.; SOKOLOVA, N.V., tekhn. red.

[Lithium; fields of established possible application] Litiy; oblasti
osvoennogo i vozmozhnogo primeneniia. Pod red. E.M.Savitskogo. Mo-
skva, Vses. in-t nauch. i tekhn. informatsii, 1960. 110 p.

(MIRA 14:10)

(Lithium)

BUZANOV, S.P., prof.; SHTEFKO, I.V., dots.; RIDEL', E.I., dots.;
TARAKHOVSKAYA, N.K., red.; MUKHA, S.Ya., tekhn. red.

[Transportation of container and piece goods on pallets in
foreign countries] Perevozka taro-shtuchnykh gruzov na poddonakh
za rubezhom. Moskva, Vses.in-t nauchn. i tekhn.informatsii, 1960.
79 p. (MIRA 15:1)
(Unitized cargo system) (Railroads--Freight)

ARISTOV, D.V.; ZISKINDER, V.Kh.; SHAPIRO, I.Ye.; TARAKHOVSKAYA, N.K.,
red.; LYSENKO, G.A., tekhn.red.

[Modern automatic machines for packaging and packing food
products] Sovremennye avtomaty dlia rasfasovki i upakovki
pishchevykh produktov. Moskva, Vses.in-t nauchnoi i tekhn.
informatsii, 1961. 102 p. (MIRA 14:6)
(Packaging machinery) (Food industry--Equipment and supplies)

TARAKHOVSKIY, A.N.

Melilite containing rocks on the shores of Kandalaksha Bay. Zap.
Vses. min. ob-va 89 no.5:582-584 '60. (MIRA 13:10)
(Kandalashka Bay--Melilites)

TARAKHOVSKIY, M.L.

Professor V.I.Dybkovskii. Farm.i toks. 16 no.4:58-63 J1-Ag '53.
(MLRA 7:5)

1. Iz kafedry farmakologii (zaveduyushchiy - chlen-korrespondent Akademii meditsinskikh nauk SSSR professor A.I.Cherkes) Kiyevskogo ordena Trudovogo Krasnogo Znameni meditsinskogo instituta im. akad. A.A.Begomol'tsa.
(Dybkovskii, Vladimir Ivanovich, 1836-1870)

TARAKHOVSKIY, M. L.

✓ The comparative effect of a new synthetic derivative of pentamethonium on ganglial synapses. M. L. Tarakhovskii and T. L. Nevskaya (Med. Inst., Chernovity). *Fiziol. Zhur., Akad. Nauk Ukr. R.S.R.* 1, No. 2, 15-19 (Russian summary, 20)(1965).—Ganglion-blocking activity

MD

was found in substances having the formula $(CH_2)_nN(CH_3)_5$ $N(CH_2)_n$. The most effective among these were halo deriva. with 5 and 6 methylene groups in the chain, but their ganglion-blocking effect was of short duration. To counteract this a new pentamethonium deriv. was synthesized, into which a quinoline group was incorporated. The Br salt of this compd., pentaquinomethonium dibromide (I), was used in a comparative study on 11 cats, 4 rabbits, and 3 dogs. The cats and rabbits were urethan narcotized, and the dogs were morphine-ether narcotized. The ganglia of the cardiac fibers of the vagus nerve were used to study the effect of the synthesized compd. on the parasympathetic nodes, and the upper cervical sympathetic node and abdominal ganglia were used to det. the effect of the compd. on the sympathetic nodes. Changes in the third-stage contraction magnitude and height of blood pressure following the stimulation of corresponding preganglial fibers served as indicators of the action of the new compd. on the sympathetic transmission of the stimulation to the ganglia. The effect of I on the chemoreceptors of the carotid body was studied on cats by the method of Molisev-Gefmans-Anichkov. I causes a lowering of blood pressure, simultaneously blocking the transmission of neuro-impulses via the sympathetic and parasympathetic nodes of the vegetative portion of the nervous system. Not all types of choline receptors are equally sensitive to the blocking effect of I; sympathetic nodes of the abdominal cavity and parasympathetic nodes of the vagus nerve are blocked more completely and for a longer time than the superior cervical sympathetic nodes. The choline receptors of the carotid body were not blocked by I.

H. A. Lazina

①

TARAKHOVSKIY, M. L.

6221. Pharmaceutical properties of pentaquinomethonium—a new synthetic substance. M. L. Tarakhovskii and T. L. Nevskaja. *Farmakol. i Toksikol.*, 1955, 18, No. 3, 22–28; *Referat. Zh. Biol. Khim.*, 1956, Abstr. No. 68274. *ml*—The toxicity of pentaquinomethonium (I; a ganglion-blocking substance) was investigated on dogs and mice. I.m. injection into dogs of 2.5 mg/kg. did not cause a change in the wt. or condition of the animals. Erythrocytosis, leucocytosis (in 3 animals), a shift of the leucocyte formula to the left, and lymphopenia were observed. A dose of 5 mg/kg. or more of I has a weak curare-like effect. A dose of 10 mg/kg. kills the animals in 1½–2 hr. LD₅₀ is 8.8 mg/kg. in mice. I is 15 times more toxic than tetraethylammonium iodide and 27 times more than bromide. The i.v. injection of 1–10 mg/kg. of I lowers the blood pressure in anaesthetized dogs and cats. The hypotensive effect of I is compounded of the ganglionic blocking of vasoconstrictor impulses, and of a direct myotropic effect on the vascular wall. The latter property is probably due to the quinoline group which makes it akin to papaverine. In doses of 0.5–2 mg/kg. I causes temporary acceleration and increase of respiratory movements which subsequently become briefer and less frequent. In doses of 3–10 mg/kg. an immediate depression and subsequent stopping of respiration is observed, producing a curare-like effect (Russian)

E. L. Parke.

TAROKHOVSKIY, M.L.

Pharmacological characteristics of cholinergic structures of
the central nervous system. Biul. eksp. biol. i med. 40 no.10:
45-47 Oct. '55. (MLRA 9:1)

1. Iz kafedry farmakologii (zav.--prof. S.P. Zakrividoroga)
Chernovitskogo meditsinskogo instituta (dir.--dotsent M.M.
Kovalev)

(NICOTINE, effects,

on ganglion blocking action in frogs)

(AUTONOMIC DRUGS, effects,

ganglion blocking agents, eff. of nicotine on
reactivity in frogs)

TARAKHOVSKIY, M. L.

Effect of drug therapy on some biological properties of animal blood with experimental hypertony. M. L. Tarakhovskii (Med. Inst., Chernavitsy). *Fiziol. Zhur. S.S.S.R.* 42, 238-41(1950).—Dogs and rabbits with pituitrin, centrogenic, neurogenic, and kidney forms of hypertony treated with Et,NI and related drugs showed a decline in blood pressure, normalisation of neurohumoral shifts, and generally improved function of the central nervous system.
G. M. Kosolapoff

1
Chiriz Pharmacology

TARAKHOVSKIY, M. L.

"Central Nicotinic Action of Ganglioblocking Drugs--Derivatives of Quaternary Ammonium Bases," by M. L. Tarakhovskiy, Chair of Pharmacology (head, Prof S. P. Zakrividoroga), Chernovitsy Medical Institute, Farmakologiya i Toksikologiya, Moscow, Vol 20, No 1, Jan/Feb 57, pp 33-36

The article reports results of experiments which were conducted to determine the effect of tetraethylammonium, hexamethonium, and the new synthetic preparation pentaquinomethonium on the neuro-cholinoreactive structure of the central nervous system as well as the mechanism of the action of these compounds. The experiments were conducted on frogs using nicotine as an agent to induce characteristic nervous reactions in the animals. The experiments established that tetraethylammonium in doses of 15-20 milligrams, hexamethonium in doses of 1-5 milligrams, and pentaquinomethonium in doses of 0.1-0.2 milligram considerably weaken and in many cases completely block specific reactions of frogs to nicotine. The data obtained in the experiments point to the presence of a central cholinolytic action in gangliolytics, i.e., derivatives of quaternary ammonium bases. (U)

54M.1345

TARAKHOVSKIY, M.L.

Central nicotinic activity of a new ganglion-blocking agent, hexonate [with summary in English]. *Farm. i toke.* 20 no.3:34-38 My-Je '57. (MIRA 10:10)

1. Kafedra farmakologii (sav. - prof. S.P.Zakrivdoroga) Chernovitskogo meditsinskogo instituta.

(NICOTINE, effects,

convulsions in animals, eff. of ganglion-blocking agent hexonate (Rus))

(AUTONOMIC DRUGS, effects,

hexonate, on nicotine-induced convulsions in animals (Rus))

(CONVULSIONS, experimental,

nicotine-induced, eff. of ganglion blocking agent hexonate (Rus))

TARAKHOVSKIY, M.L.

Characteristics of the central action of ganglion-blocking agents
[with summary in English]. Biul. eksp. biol. i med. 43 no.1:70-73 Ja '57.

(MLRA 10:8)

1. Iz kafedry farmakologii (zav. - prof. S.P. Zakrividoroga) Chernovitskogo meditsinskogo instituta (dir. - dots. M.M. Kovalev).

Predstavlena deystvitel'nym chlenom ANS SSSR prof. S.V. Anichkovym.

(ANTONOMIC DRUGS, effects,

ammonium cpds., central mechanism of action (Rus))

(AMMONIUM COMPOUNDS, effects,

ganglion blocking, central mechanism of action (Rus))

TARAKHOVSKIY, M.L.

Hypothermic effect of the new ganglion-blocking substance hexonate.
Eksp. khir. 3 no.5:55-56 8-0 '58 (MIRA 11:11)
(AMMONIUM COMPOUNDS)
(HYPOTHERMIA)

TARAKHOVSKIY, M. I.

Competitive nature quaternary ammonium ganglio-blocking agents
[with summary in English]. *Biul. eksp. biol. i med.* 45 no.3:72-76
Mr'58 (MIRA 11:5)

1. Iz kafedry farmakologii (zav. - prof. S.P. Zakrividoroza)
Chernovitskogo meditsinskogo instituta (dir. - dotsent M.M. Kovalev)
Predstavlena deystvitel'nym chlenom AMN SSSR S.V. Anichkovym.

(AUTONOMIC DRUGS,

ganglion-blocking agents, quaternary ammonium, comparison
(Rus))

(AMMONIUM COMPOUNDS

quaternary ganglion-blocking agents (Rus))

TARAKHOVSKIY, M.L. [Tarakhovs'kyi, M.L.]

Relation between the pharmacological effect of ganglioblocking quaternary ammonium cases and their chemical structure. *Fiziol. zhur.* [Ukr] 5 no.2:237-245 Mr-Apr '59. (MIRA 12:7)

1. Chernovitskiy meditsinskiy institut, kafedra farmakologii. (AMMONIUM COMPOUNDS) (PHARMACOLOGY)

TARANHOVSKIY, M.L.

Correlative action of ganglion blocking drugs and proserine on choline-reactive structures [with summary in English]. *Fiziol.zhur.* 45 no.1: 97-102 Ja '59. (MIRA 12:2)

1. From the department of pharmacology, Medical Institute, Chernovitya.
(AUTONOMIC DRUGS, effects,
ganglion-blocking agents, eff. of neostigmine on
reactivity of choline-reactive appar. (Rus))
(NEOSTIGMINE, effects,
on choline-reactive structure reactivity to ganglion-
blocking agents (Rus))

TARAKHOVSKIY, M.L.

Role of sulfhydryl groups in the effect of quaternary ammonium compounds; mechanism of action of ganglion-blocking agents. *Biul. eksp. biol. med.* 47 no.2:83-87 P 159. (MIRA 12:4)

1. Iz kafedry farmakologii (zav. - prof. S.P. Zakrivdoroga) Chernovitskogo meditsinskogo instituta. Predstavlena deystvitel'nym chlenom AMN SSS S.V. Anichkovym.

(AMMONIUM COMPOUNDS, effects,

quaternary ganglion-blocking agents, eff. of sulfhydryl cpds. on reactivity (Rus))

(SULPHYDRYL COMPOUNDS, effects,

on ganglion-blocking eff. of quaternary ammonium cpds. (Rus))

(AUTONOMIC DRUGS, eff.

ganglion-blocking quaternary ammonium cpds., eff. of sulfhydryl cpds. on reactivity (Rus))

TARAKHOVSKIY, M.L.; FASTOVSKIY, V.L.

Pharmacotherapy and pathological anatomy of experimental hypertension
Vrach.delo no.5:489-493 My '60. (MIRA 13:11)

1. Kafedra farmakologii (zav. - prof. S.P.Zakrividoroga) i kafedra
patologicheskoy anatomii (zav. - prof. N.M.Shinkerman) Chernovitskego
meditsinskogo instituta.

(HYPERTENSION)
(AUTONOMIC DRUGS)

KOLPAKOV, A.A.; TARAKHOVSKIY, M.L. [Tarakhovs'kyi, M.L.]

"Hypothermia" by B.A. Saakov. Reviewed by A.A.Kolpakov, M.L.
Tarakhovs'kyi. Fiziol.shur. [Ukr.] 6 no.2:274-275 Mr-Apr '60.
(MIRA 13:7)

1. Chernovetskiy meditsinskiy institut, kafedra patofiziologii
i farmakologii.
(HYPOTHERMIA) (SAAKOV, B.A.)

TARAKHOVSKIY, M.L. [Tarakhovs'kyi, M.L.]

Effect of ganglion-blocking substances on the work of the gastro-intestinal tract. Fiziol.zhur. [Ukr.] 6 no. 5:660-668 S-0 '60.
(MIRA 13:10)

1. Kafedra farmakologii Chernovitskogo meditsinskogo instituta.
(AUTONOMIC DRUGS) (ALIMENTARY CANAL)

ZAKRIVIDOROGA, S.P.; LIPSITS, D.V.; POLOTAY, V.A.; RED'KO, G.F.;
TARAKHOVSKIY, M.L.

Effect of warty potatoes on animal organisms. Vop.pit. 19 no.4:
82-83 Ji-Ag '60. (MIRA 13:11)

1. Iz laboratorii (zav. - kand.biolog.nauk D.V. Lipsits) Vseso-
yuznoy nauchno-issledovatel'skoy stantsii po raku kartofelya
(Chernovitsy) i kafedr farmakologii (zav. - prof. S.P. Zakri-
vidoroga) i gistologii (zav. - dotsent I.A. Shevchuk) Chernov-
skogo meditsinskogo instituta.
(POTATOES)

TARAKHOVSKIY, M.L.

Central antagonism between gangliolytic and proserive. *Biul. eksp. biol. i med.* 49 no.1:78-83 Ja '60. (MIRA 13:7)

1. Iz kafedry farmakologii (zav. -prof. S.P. Zakrividoroga) Chernovitskogo meditsinskoto instituta i otdela farmakologii (zav. -deyst. chlen AMN SSSR S.V. Anichkov) Instituta eksperimental'noy meditsiny AMN SSSR, Leningrad. Predstavlena deystv. chlenom AMN SSSR S.V. Anichkovym.

(PROSTIGMINE) (NERVOUS SYSTEM)
(AUTONOMIC DRUGS)

TARAKHOVSKIY, M.L.; FEL'MAN, I.M.; ROMAN, V.I.

Pharmacotherapy of hyperkinesia with cholinolytic derivatives of quaternary ammonium compounds; Experimental and clinical observations. Zhur.nevr.i psikh 60 no.8:957-964 '60. (MIRA 13:9)

1. Otdel farmakologii (zaveduyushchiy - prof. S.V.Anichkov) Instituta eksperimental'noy meditsiny, kafedra farmakologii (zaveduyushchiy - prof. S.P. Zakrivodoroga) i klinika nervnykh bolezney (zaveduyushchiy - prof. S.N.Savenko) Chernovitskogo meditsinskogo instituta.

(MOVEMENT DISORDERS)

(AUTONOMIC DRUGS)

NOSKOV, I.G., kand.sel'skokhoz.nauk (Tashkent); PONOMARENKO, G.Ya.;
ZAKRIVIDOROGA, S.P.; ZAKRIVIDOROGA, Z.S.; LIPSITS, D.V.;
LYUPOVSKAYA, P.I.; POLOTAY, V.A.; TARAKHOVSKIY, M.L.;
FASTOVSKIY, V.L.

Letters to the editor. Zashch. rast. ot vred. i bol. 6
no.8:10 Ag '61. (MIRA 15:12)

1. Vsesoyuznaya stantsiya po raku kartofelya Vsesoyuznogo
instituta zashchity rasteniy i Chernovitskiy meditsinskiy
institut.

(Plants, Protection of)
(Synchytrium---Toxicology)

TARAKHOVSKIY, M.L.

Central effects of gangliolytic quaternary ammonium derivatives.
Farm.i toks. 24 no.1:3-13 Ja-F '61. (MIRA 14:5)

1. Kafedra farmakologii (zav. - prof. S.P.Zakrividoroga) Chernovitskogo
meditsinskogo instituta i otdel farmakologii (zav. - deystvitel'nyy
chlen AMN SSSR prof. S.V.Anichkov) Instituta eksperimental'noy
meditsiny AMN SSSR.
(AUTONOMIC DRUGS) (NERVOUS SYSTEM)

ZAKRIVIDROGA, S.P. [Zakryvydoroha, S.P.]; ZAMANSKIY, L.N. [Zamans'ky, L.N.];
LOPUSHANSKIY, A.I. [Lopushans'kyi, A.I.]; NEVSKAYA, T.L.
[Nevs'ka, T.L.]; TARAKHOVSKIY, M.L. [Tarakhovs'kyi, M.L.]

Effect of bromine on the processes of exhaustion and recovery
of the body. Fiziol. zhur. [Ukr.] 8 no.3:319-326 My-Je '62.
(MIRA 15:6)

1. Kafedra farmakologii i biokhimii Chernovitskogo
meditsinskogo instituta.

(BROMINE--PHYSIOLOGICAL EFFECT)
(PHYSIOLOGY, EXPERIMENTAL)

TARANHOVSKIY, N. A., of Chernovtsy

"Pharmacological Characteristics of a Series of Ganglioblocking Drugs--
Derivatives of Quaternary Ammonium Bases," a paper presented at the Fifth
Conference of the Ukrainian Society of Physiologists, Biochemists, and
Pharmacologists, 28 May- 2 June 1956, Khar'kov.

"Nicotinic salts of hexamethonium and tetraethylammonium, named Hexonate
and Tetronate, are active ganglioblocking compounds. These preparations block
the neurocholinergic systems of the central nervous system, predominantly
those of the subcortical area. In experiments on dogs and rabbits hexonate
reduced the rectal temperature. In other experiments on cats and rats it
contributed to the cooling process of the animals."

ZAKRIVIDOROGA, S.P.; ZAKRIVIDOROGA, Z.S.; LIFSITS, D.V.; LYUBOVSKAYA, P.I.;
POLOTAY, V.A.; TARAKHOVSKIY, M.L.; FASTOVSKIY, V.L.

Toxicity for animals of the cancerous potato. Vop. pit. 21 no.5:
58-66 S-0 '62. (MIRA 17:5)

1. Iz laboratorii biokhimii Vsesoyuznoy nauchno-issledovatel'skoy
stantsii po paku kartofelya i kafedr farmakologii, patofiziologii,
patoanatomii i gistologii meditsinskogo instituta, Chernovtsy.

TARAKHOVSKIY, M.L.

Anti-inflammatory effect of ganglionic blocking agents.
Pat. fiziol. i eksp. terap. 9 no.1:66-67 Ja-F '65.

(MIRA 18:11)

1. Kafedra farmakologii lechebnogo fakul'teta (zav. - dotsent
M.L. Tarakhovskiy) Donetskogo meditsinskogo instituta imeni
A.M. Gor'kogo.

Diff. ...

Effect of ...

2. ...
Y.A. Likhitsyn) ...
A.M. Gerasimov).

ACC NR: AP6034262

(N)

SOURCE CODE: UR/0390/66/029/005/0588/0589

AUTHOR: Tarakhovskiy, M. L. (Director; Docent); Tonkopiya, I. S.

ORG: Department of Pharmacology, /Head-Docent M. L. Tarakhovskiy/
Therapeutic Faculty, Donetsk Medical Institute (Kafedra farmakologii
lechebnogo fakulteta Donetskogo meditsinskogo instituta)

TITLE: Pharmacology of bis-quaternary ammonium salts of 2-(beta-
dialkylaminoethyl)-pyridine

SOURCE: Farmakologiya i toksikologiya, v. 29, no. 5, 1966, 588-589

TOPIC TAGS: pharmacology, bis quaternary ~~ammonium~~ salt, organic com-
pound, toxicity, neural conduction, sympathetic system, parasympathetic
system, *nervous system drug, ammonium salt*

ABSTRACT: Results of studies of the toxicity and ganglionic blocking
properties of a series of 2-(beta-dialkylaminoethyl)-pyridine deriva-
tives are presented in Table 1. Substitution of one, two, or three
ethyl radicals for methyl ones at the amino group or incorporation of
methyl radicals in the heterocycle increases ganglionic blocking prop-
erties and decreases N-cholinolytic activity. Inclusion of an oxygen
atom into the heterocycle increases both toxicity and ganglionic block-
ing properties. The compounds are listed below in decreasing order of

Card 1/3

UDC: 615.711.418

ACC NR. AP6034262

Table 1. Chemical structure, toxicity and genotoxic blocking properties of bisquaternary ammonium salts of 1-(8-diethylaminoethyl)-pyridine

Chemical name	Preparation number	R'	R ₁	LD ₅₀ for solid in mg/kg	Genotoxic blocking properties (LD ₅₀ for solid in mg/kg)
1-(8-dimethylaminoethyl)-pyridine dimethiodide.....	ND-5	CH ₃	(CH ₃) ₂	700±1.2	—
1-(8-diethylaminoethyl)-pyridine dimethiodide.....	ND-7	C ₂ H ₅	(C ₂ H ₅) ₂	700±1.3	0.3±0.07
1-(8-morpholinomethyl)-pyridine dimethiodide.....	ND-11	CH ₂	—(CH ₂) ₂ O(CH ₂) ₂ —	1000±1.1	10.2±0.08
1-(8-piperidinoethyl)-pyridine dimethiodide.....	ND-13	CH ₂	—(CH ₂) ₂ —	1000±1.2	30.2±0.37
1-(8-diethylaminoethyl)-pyridine dimethiodide.....	ND-15	CH ₃	(C ₂ H ₅) ₂	1300±1.1	31.7±1.07
1-(8-dimethylaminoethyl)-pyridine dimethiodide.....	ND-16	C ₂ H ₅	(CH ₃) ₂	1020±1.2	10.6±0.22

Card 2/3

ACC NR: AP6034262

ganglionic blocking activity: ND-7 > ND-11 > ND-18 > ND-15 > ND-13;
and in order of decreasing toxicity: ND-5 > ND-7 > ND-18 > ND-11 >
> ND-15 > ND-13. Orig. art. has: 1 table. [W.A. 50]

SUB CODE: 06/ SUBM DATE: 05Jun65/ ORIG REF: 001/ OTH REF: 001

Card 3/3

TARAKHTIY, I.D., inzh.

Expanding the recovery of manganese ores in the Ukrainian
S.S.R. Met. i gornorud. prom. no.1:58-60 Ja-F '62.
(MIRA 16:6)
(Ukraine—Manganese mines and mining)

TABANLIY, B.S.

Combined effort of the collective. Vest.sviatzi 25 no.2127 F 166.
(MIKA 1216)

1. Nachel'nik Kerchenskogo gorodiskogo uzla zvyazi.

TARAKHTIY, V.D., inzhener.

Modernizing the machinery at the Ural Machine Building Plant.
Vest. mash. 36 no.6:59-64 Je '56. (MLRA 9:10)

(Machine tools)

THE QUALITY V D.

PHASE I BOOK EXPLOITATION 1045

Ural'skiy zavod tyazhelogo mashinostroyeniya, Sverdlovsk

Modernizatsiya metallorezhushchego oborudovaniya (Modernization of Metal-cutting Equipment) Moscow, Mashgiz, 1958. 117 p. (Series: Its: Sbornik statey, vyp. 8) 8,000 copies printed.

Ed.: Shishkin, Ye.I., Engineer; Tech. Ed.: Dugina, N.A.; Executive Ed. (Ural-Siberian Division, Mashgiz): Somova, T.M., Engineer.

PURPOSE: This book is intended for engineers and technicians working in the field of metal cutting.

COVERAGE: The book was written in connection with the 25th anniversary of the Uralsmashzavod (Ural Heavy Machine-building Plant imeni S. Ordzhonikidze), and presents an account of experience in the field of modernization of metal-cutting machine tools. It contains articles dealing with various problems of modernization of lathes and milling machines through design alterations or substitution of individual parts or units. The author states that such modernization will improve utilization and productivity of machine tools.

Card 1/3

Modernization of Metal-cutting Equipment 1045

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Modernization of Metal-cutting Equipment 1045

Krayzinger, F.B., Reconditioning of Parts by Hard-Facing by Means of Electro-vibratory Arc Welding

115

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1-7-59

Card 3/3

TARAKHTIY, V.D.

Using engine lathes for special purposes. Sbor.st.UZTM no.8:102-107
'58. (Lathes) (MIRA 11:12)

GINZBURG, R.M., dotsent; TARAKHTUNOVA, M.I.

Pulseless disease. Vrach.delo no.4:417-419 Ap '60.

1. Fakul'tetskaya terapevticheskaya klinika (sav. - dotsent
P.M. Ginsburg) Stalinskogo meditsinskogo instituta i klini-
cheskaya bol'nitsa imeni M.I. Kalinina. (MIRA 13:6)
(PULSE)

6(7)

SOV/111-59-5-12/32

AUTHORS:

Tarakonova, M.S., Senior Engineer of GUMTTS

TITLE:

A New Line-Battery Switchboard for Telegraph Installations

PERIODICAL:

Vestnik svyazi, 1959, pp 14-15 (USSR)

ABSTRACT:

One of the plants of the radio engineering industry developed by order of the USSR Ministry of Communications a new line-battery switchboard designated LBK-30. This switchboard has the shape of a bay of 2000x906 mm and is designed for 80 channels or 160 one-wire circuits. It serves also for the connection of the line batteries with a voltage graduation from 60 to 200 volts. The use of miniature parts permitted a reduction in the dimensions by three times compared to similar equipment, as well as a reduction in weight. Figure 1 shows a diagram of the line-battery switchboard. Figures 2 thru 9 show the possible connections

Card 1/2

A New Line-Battery Switchboard for Telegraph Installations SOV/111-53-3-12/51

which may be achieved using this switchboard. There are 9 diagrams.

ASSOCIATION: Tekhnicheskiy otdel GUMTTS Ministerstva svyazi SSSR
(Engineering Branch of GUMTTS of the USSR Ministry
of Communications)

Card 2/2

L 16794-66 EWT(d)/EWP(1) IJP(c) BB/CG

ACC NR: AT6005081

SOURCE CODE: UR/2563/65/000/256/0116/0120

AUTHOR: Stroganova, Ye. A.; Tarakukin, V.I.; Chechurin, V.L.

ORG: *none*

48

B+1-

TITLE: Control circuit design based on the principle of current distribution

SOURCE: Leningrad, Politekhnikheskiy institut, Trudy, no. 256, 1965. Tsifrovyye izmeritel'nyye i upravlyayushchiye ustroystva (Digital measuring and control devices), 116-120

TOPIC TAGS: control circuit, switching circuit, digital computer

ABSTRACT: In the design of digital computers there is a need for the development of a general methodology for the establishment of control circuits based on the principle of current distribution (PCD). During the design of such control circuits it is expedient to divide them into units with rigid structure and those controlled by programs. The authors outline the requirements which must be satisfied for both types of units. A discussion is given on the design of 1) digital computer control circuits with rigid structure; 2) digital computer control circuits with programmed control; 3) a cycle
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distributor; 4) a scaler; and 5) a branching circuit. The analysis shows that in the case of PCD units expansion of the control system does not lead to an increase in the instrumentation of digital computer devices. Orig. art. has: 1 formula, 5 figures, and 2 tables.

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